

#12C

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A device for efficiently cooking food and controlling the internal air temperature of a food cooking oven, comprising:

a food cooking enclosure;
a constant heat source heating air inside said enclosure;
an assembly to rotate food positioned inside the enclosure wherein said assembly comprises a plurality of plates, each having a center, connected by a plurality of spit rods, and wherein the rods are not positioned in the center of said plates;

a cool-air hole in the enclosure;
an outside air introduction fan positioned adjacent the cool-air hole;
a motor powering an the outside air introduction fan which draws cool outside air into said enclosure through the cool-air hole; and
an adjustable vent between the air introduction fan and the cool-air hole controlling the amount of cool outside air drawn into said enclosure through the cool-air hole; and said outside air introduction fan, whereby

a temperature adjustor coupled to the adjustable vent and arranged to adjust the amount of outside ^{air} are that is drawn through the cool-air hole and into the enclosure. air temperature inside said food cooking enclosure is controlled by adjusting said adjustable vent and thereby adjusting the amount of outside cool air introduced into said food cooking enclosure while said constant heat source supplies a steady amount of heat inside said enclosure.

2. (Original) The device of claim 1 further including a rotating food support spit inside said food cooking enclosure, and said spit being powered by said motor.

3. (Original) The device of claim 1 further including said constant heat source being a radiant heat generator.

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4. (Previously presented) The device of claim 1 further including an internal air movement fan which moves air heated by said constant heat source inside said food cooking enclosure.

5. (Original) The device of claim 4 further including said internal air movement fan being powered by said motor.

6. (Original) The device of claim 5 further including said internal air movement fan and said outside air introduction fan being one and the same.

7. (Original) The device of claim 6 further including a rotating food support spit inside said food cooking enclosure, and said spit being powered by said motor, and said constant heat source being a radiant heat generator.

8. (New) The device of claim 1, wherein the temperature adjuster includes a manual adjustment lever attached to the adjustable vent.

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9. (New) The device of claim 1, wherein the temperature adjuster includes an electronic actuator attached to the adjustable vent.

10. (New) The device of claim 1, wherein the constant heat source comprises an electric heater constructed to output only one level of heat.

11. (New) The device of claim 1, wherein the constant heat source comprises a gas radiant heater constructed to output only one level of heat.

12. (New) The device of claim 1, further including an intermittent controller coupled to the constant heat source.

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CONT

13. (New) The device of claim 12, wherein the intermittent controller is an on-off switch.

14. (New) The device of claim 12, wherein the intermittent controller is arranged to operate the constant heat source in a continuing intermittent duty cycle.

15. (New) The device of claim 12, wherein the intermittent controller is arranged to operate the constant heat source in a continuing intermittent duty cycle, wherein the duty cycle is settable in the range of between about 20%-on and about ⁷⁰~~80~~%-on.

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